

IN THE SPECIFICATION

Please amend the Title on page 1, line 3 as follows:

GENERATOR POWERED BICYCLE HEADLAMP AND HEADLAMP
ELECTRICAL CIRCUIT

Please delete the Abstract on page 42, and replace it with the following new Abstract:

A bicycle headlamp including: a rotor having a plurality of magnet plates attached to spokes of a bicycle wheel, each magnet plate including a plurality of magnets disposed at regular circumferential spacings with alternating south and north poles; and a stator including a power-generating coil disposed in a fixed position to face the magnetic pole faces of the magnet plates. A case includes at least a headlamp electrical circuit for establishing resonance with a certain relative speed of the magnets by means of the power-generating coil and a capacitor connected in series, and for rectifying, smoothing out, and outputting electric power obtained from the power-generating coil. Also included are a light-emitting diode and a condenser lens for focusing light emitted from the light emitting diode in front of the bicycle and for illuminating the roadway.